

Human Body Inspection System



NUCTECH™ MW Series Body Inspection Device

Active millimeter wave imaging technology
Non-ionizing radiation with enhanced privacy protections
Low power consumption with a small footprint and wide channel to allow wheelchairs
Automatic threat detection, ECAC SSC standard 2 obtained



NUCTECH™ HT Series Body Inspection System

Whole Body inspection system with low-dose transmission X-ray imaging technology
Strong detection for both inside and outside body
High-quality and real-time images
Widely used in checkpoint scenarios including at prisons, border crossings, and special events



NUCTECH™ TH Series Standoff Terahertz Imaging Instrument

Real-time, contactless body screening and temperature measurement without stopping
Non-ionizing radiation with enhanced privacy protections
Large field of view - detection distance up to 4 meters
Throughput of more than 2,000 people per hour
Deep learning to automatically detect potential threats



NUCTECH™ BX Series Body Inspection System

Based on ultra-low dose backscatter imaging technology
Strong detection (metal/non-metal) with privacy protection
Automatic threat detection (ATD) and radioactivity monitoring (RM)



NUCTECH™ BI 2002 Body Inspection System

Non-intrusive body scanner based on X-ray imaging technology
Full radiation protection design
Targeted scanning of area of interest only for minimal X-ray radiation exposure

 NUCTECH COMPANY LIMITED



MIYUN
MANUFACTURING BASE



JINTAN
MANUFACTURING BASE



ABOUT NUCTECH

Nuctech Company Limited (Nuctech), derived from Tsinghua University and founded in 1997, is an advanced security & inspection solution and service supplier in the world. Relying on independent innovation and following the customers' demands, Nuctech provides the most advanced technology, superb products and integrated solutions in the security inspection industry to our customers from 170 countries and areas in the globe.

Covering Civil Aviation, Customs, Railway, Highway, Urban Railway, Logistics, Judiciary, Big Events and other security areas, Nuctech helps our customers in keeping the homeland security and people safe, which earns us great reputation. Currently, Nuctech has become an internationally famous brand in the security & inspection industry.

As a responsible Chinese high-tech enterprise, Nuctech focus on the security domain and devotes itself to becoming the leader in the global security market. Enhancing the customers' value with the ever ongoing innovation, feeding back the society by creating more advanced security products and solutions, we are committed to creating a safer nation, as well as a safer world!



 NUCTECH

NUCTECH COMPANY LIMITED
Address: 2/F Block A, Tongfang Building,
Shuangqinglu, Haidian District,
Beijing 100084, P.R.China
Tel: +8610 62780909
Fax: +8610 62788896

PRODUCT CATALOG

CREATING A SAFER WORLD

EN

 NUCTECH

WWW.NUCTECH.COM

Large Cargo / Vehicle Inspection System



NUCTECH™ FG Series Fixed Cargo/Vehicle Inspection System

Optimized security solution for high throughput seaports and borders
Reliable performance with comfortable working environment
Advanced Interlaced Dual Energy (IDE) Imaging and Dual View technologies
Customized suspicious object review function using CT technology

NUCTECH™ MB Series Relocatable Cargo/Vehicle Inspection System

Most efficient and cost-effective security solution with high penetration and small footprint
Modularized design and self-shielding structure for convenient relocation and rapid deployment
Advanced IDE Imaging Technology for material discrimination and high-quality images



NUCTECH™ MT Series Mobile Cargo/Vehicle Inspection System

Unique mobile security solution with engineered flexibility
High performance autonomous intelligent system with compact modular design
Advanced IDE Imaging Technology for high quality material discrimination and fast-scan mode for high throughput
Lower scanning height, excellent penetration capability, and powerful image processing tools

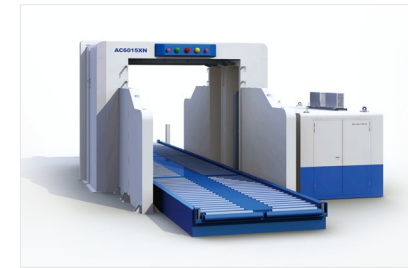
NUCTECH™ FS Series Fast-Scan Cargo/Vehicle Inspection System

Secured vehicle drive-through scanning mode and non-distortion image generation at high speed
Compact modular design improves system relocatability
Advanced IDE Imaging Technology and seamless integration with subsystems including CCR, LPR, and RFID etc.



NUCTECH™ RF Series Railway Cargo/Vehicle Inspection System

Secure train drive-through scanning mode and non-distortion image generation at higher speeds
Automatic scanning and processing for freight trains
Advanced IDE Imaging Technology for material discrimination
Able to scan the trains running on single, double, or multi-track railway



NUCTECH™ AC Series Air Cargo Inspection System

Unique high-performance aviation security solution for air cargo inspection
Matches airport operation flow and provides auto-alarm without unpacking
Advanced FINDEX technology to realize high quality material discrimination

NUCTECH™ PB Series Portal Cargo/Vehicle Inspection System

Field-tested, compact security solution for cargo and vehicle inspection
High inspection efficiency and reliability
Advanced Dual-view and IDE Imaging technologies for precise scan



NUCTECH™ CS Series Passenger Car Inspection System

Easy-analyzed, top-view scanning image with excellent quality
Innovative conveyor system moves the car through the scanning tunnel smoothly at a constant speed
Drive-through mode for continuous scanning of passenger cars
Easy and quick deployment and installation with minimum external infrastructure requirements

NUCTECH™ MR Series Robot-Like Cargo/Vehicle Inspection System

Intelligent wheel-driving inspection system
Superior penetration capability and scanning functions
Strongly suited for multiple scenarios and environments without the need for rail, shield, and other infrastructural facilities



CT Inspection System



NUCTECH™ Kylin Series X-ray Inspection System

Dual energy and dual imaging technologies (CT & X-ray)
Automatic detection of explosives and narcotics
Lithium battery detection, weapons detection, and laptop/threat stripping capabilities
Higher throughput, quicker inspection, and enhanced AI algorithms

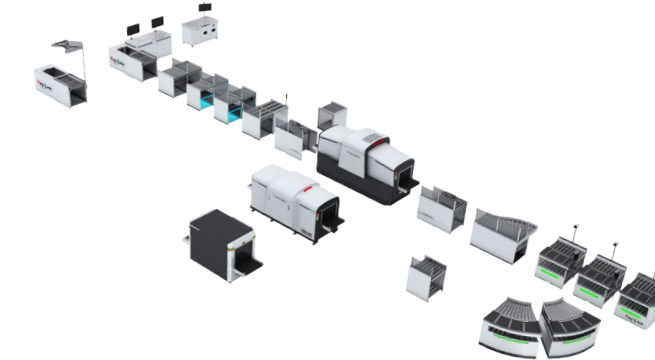


NUCTECH™ XT Series X-ray CT Inspection System

Explosives Detection System based on dual-energy spiral CT technology
Automatic detection of explosives and narcotics
High throughput and low false alarm rate

NUCTECH™ Key-Line Smart Checkpoint Solution

High Compatibility: CT or Single/Dual/Multi-view X-ray machine
High Throughput: Enhanced passengers travel experience
Modular Design: Customized length and functionality
High Efficiency: Automatic diversion, tray return, and tray recognition



X-ray Inspection System

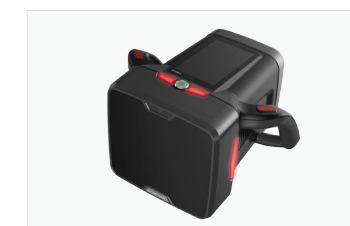


NUCTECH™ CX Series X-ray Inspection System

Unsurpassed high image quality from optimized X-ray generator and advanced detectors
Advanced dual-view and dual-energy technologies
Efficient operating with ergonomically designed user interface
X-ray generator covering multiple energy levels(100kV/160kV/200kV/320kV)

NUCTECH™ MX Series Mobile X-ray Inspection System

Vehicle-based X-ray inspection system with high mobility
Independent power generator
Large space for operators with built-in air conditioner



NUCTECH™ BXM Series Handheld Backscatter Inspection System

High-performance and handheld real time imaging
Scan objects in hard-to-reach areas including tires, vehicle doors, suspicious bags, mechanical parts, walls, and furniture
Widely used in airports, highway checkpoints, customs, government facilities, and critical infrastructure

Explosives and Narcotics Detection System



NUCTECH™ TR Series Explosives and Narcotics Trace Detector

Simultaneous explosives and narcotics detection
Patented design of IMS tube with ultimate detection sensitivity
Low consumable cost for both operation and maintenance

NUCTECH™ RT Series Raman Spectrometer

Analyze and identify narcotics, explosives, and Liquids, Aerosols and Gels (LAGs) in approximately five seconds
Accurate and flexible identification with an expandable substance identification library
Non-destructive, non-radioactive and minimal training required



Radiation Detection



NUCTECH™ RM Series Radiation Detection

RM series, which leverages multiple radiation detection technologies, can be used for radioactive material monitoring, dose rate measurement, radioisotope identification, radioactivity measurement, radioactive source location, and radiation distribution imaging among other functions.

E-beam Irradiation System

NUCTECH™ IS Series E-beam Irradiation System

Irradiate mail, food, medical apparatus, and sterilize pathogens fast and completely
Customized E-beam security solution for wide industrial irradiation application
High efficiency without damage or radiation remnant

